

Wolverine Tube Company

SEAMLESS COPPER, BRASS AND ALUMINUM

Main Office and Mill: 1411 Central Avenue, Detroit, Mich.

NEW YORK OFFICE: 420 Lexington Avenue

Sales Offices

ATLANTA, GA.	631 Spring St.	MINNEAPOLIS, MINN.	529 S. Seventh St.
BALTIMORE, MD.	121 S. Gay St.	NEWARK, N. J.	965 Broad St.
BOSTON (CAMBRIDGE), MASS.	195 Albany St.	PHILADELPHIA, PA.	231 North 12th St.
CHICAGO, ILL.	129 S. Jefferson St.	PITTSBURGH, PA.	1000 Columbus Ave., N. S.
CLEVELAND, OHIO	1740 East 12th St.	PORTLAND, ORE.	524 N. W. 14th Ave.
DALLAS, TEXAS	2813 Canton St.	ST. LOUIS, MO.	4565 McRee Ave.
DAYTON, OHIO	Route No. 9	SAN FRANCISCO, CALIF.	7 Front St.
DENVER, COLO.	1210 California St.	SEATTLE, WASH.	1005 E. Pike St.
LONG ISLAND CITY, N. Y.	47-31 31st Place	WASHINGTON, D. C.	1108 16th St.
LOS ANGELES, CALIF.	1015 East 16th St.	TORONTO, ONT.	137 Wellington St. W.
LOUISVILLE, KY.	125 S. 5th St.	WINNIPEG, MAN.	80 Lombard St.
MILWAUKEE, WIS.	647 W. Virginia St.	EXPORT: H. M. ROBINS CO., 120 Madison Ave., Detroit, U.S.A.	

The experience of over 20 years of seamless tube manufacture, the use of fine, up-to-date equipment, and strict adherence to Government and customer specifications, are responsible for the uniform, high quality of Wolverine products.

Immediate Shipment From Large Stocks

DEOXIDIZED COPPER WATER TUBE

Government Type K

Recommended for Air Conditioning, Refrigeration, Oil Burner, and Plumbing and Heating installations. Also for Gas, Steam, Oil Lines, and industrial uses and where water conditions are severe.

Government Type L

For Oil Burner, Air Conditioning, Refrigeration, and general plumbing uses. Suitable for normal water conditions.

Types K and L furnished in hard or soft temper in straight 20 ft lengths; soft temper in 30, 45, and 60 ft coils.

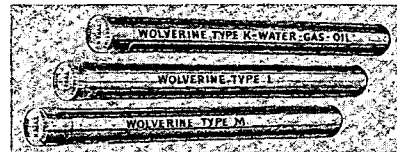
Government Type M

Suitable for Air Conditioning and Refrigeration installations and for interior plumbing and heating purposes.

Furnished in hard temper in straight 20 ft lengths only.

WOLVERINE COPPER WATER TUBE

Types K, L, and M (made to U.S. Government WW-T-799 and A.S.T.M. B 88-33 Specifications), for air conditioning and refrigeration installations, make this product suitable for piping in accordance with all refrigeration codes.

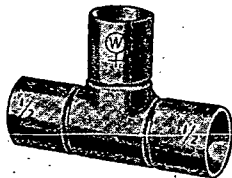


Wolverine copper air conditioning tube is the Standard for Air Conditioning work—Now available with cellophane caps and discs telling size and type.

Type K—Orange
Type L—White
Type M—Green

WOLVERINE WROUGHT COPPER FITTINGS

These new Wolverine Fittings are of the straight-line design (ends not expanded). They make stronger, neater joints, more



quickly made, give trouble-free service and longer life. A complete range of sizes is available.

Write for Catalog B

American Society of Refrigerating Engineers

37 West 39th Street, New York, N. Y.

REFRIGERATING DATA BOOK

THE '39-'40 edition of the *Refrigerating Data Book* achieves an excellence matched by few engineering or scientific books. The compilation of the work of many experts in refrigeration, heat, power and manufacturing, as well as authorities from the field of biology, it contains all the fundamental data on the art of refrigeration and air conditioning. It is presented in the simplest possible style so that parts

may be used by those of any degree of technical interest.

This fourth edition of the *Data Book* contains over 600 pages in 50 chapters divided into eight sections separated by contents pages with thumb tabs. Contents outline is shown inside the cover for ready reference. It includes a catalog and list of manufacturers, distributors and engineers. There are several inserted charts.

This volume is specifically devoted to principles and refrigerating machinery. Another volume, appearing two years hence, will be devoted specifically to the many applications of refrigeration. Thenceforth the *Data Book* will be in two volumes. The price of each is \$4 with express charges collect.

A series of pamphlets on the application of commercial refrigeration to such uses as fur storage, vegetable coolers, farmers locker plants and the like will appear in 1939.

MEMBERSHIP ACTIVITIES

IT is the policy of the A.S.R.E. to treat in its meetings current subjects touching upon all phases of the art of refrigeration. Membership is in four grades with dues from \$7.50 to \$17.50. Sections hold meetings in the following cities: Boston, New York, Philadelphia, Detroit, Chicago, Milwaukee, St. Louis and Los Angeles. The Society holds its 35th Annual Meeting January, 1940, in Chicago.

REFRIGERATING ENGINEERING

Refrigerating Engineering in its 37th volume continues to be the periodical source of authoritative information on all phases of the arts and sciences of refrigeration. In its most solid aspects it carries the *Journal of the A.S.R.E.*, a living record of the technical advance of practice and research in its field. The larger portion of its pages is, however, devoted to material of wider appeal, with original articles, none

the less authoritative, but written in a journalistic style to enable the reader to get the background of each subject and an understanding of it that will stick. *Refrigerating Engineering* also prints news, features, write-ups of interesting personalities,



and carries detailed reports of local and national meetings of *The American Society of Refrigerating Engineers*.

Refrigerating Engineering has long been unique in its field not alone for the originality and authority of its contents, but for its coverage of all phases of refrigeration both as to machinery and application problems. The applications of this art are, of course, very numerous, and *Refrigerating Engineering* keeps pace as the scope of refrigeration is widened.

The rate has been reduced to \$3 for 1939.

CODES AND STANDARDS

THE newest standards to be published include the Safety Code for Mechanical Refrigeration, a test code for Rating Refrigerant Expansion Valves and the (joint) Code of Minimum Requirements for Comfort Air Conditioning. Others cover the testing and rating of mechanical condensing units and the testing and rating of air conditioning units. The Society participates in fifty or more standardizing projects under current study.